

CLAIMS

1. A combined set, comprising a load transfer platform and a carriage for enabling a movement of said platform, said combined set comprising lift up means provided for lifting up and taking down said platform between an elevated position and a rest position, said carriage being removably applicable under said platform, characterised in that said combined set further comprises a header unit provided for storing said carriage, said header unit being provided for being connected to a tractor and comprises first connecting means co-operating with second connecting means applied on said platform for connecting said header and said platform during said movement of said platform when applied on said carriage.

2. A combined set as claimed in claim 1, characterised in that said header unit comprises a power distribution station connectable to said carriage and said platform.

3. A combined set as claimed in claim 1 or 2, characterised in that said header unit comprises alignment means provided for aligning said header unit and said platform with respect to each other.

4. A combined set as claimed in any one of the claims 1 to 3, characterised in that said lift up means are mounted on said platform.

5. A combined set as claimed in any one of the claims 1 to 4, characterised in that said lift up means are provided for bringing said carriage from a retracted position towards an operable position and vice versa.

6. A combined set as claimed in any one of the claims 1 to 3, characterised in that said combined set is provided with a propulsion member provided for propelling said carriage from and towards said header unit.

7. A combined set as claimed in claim 6, characterised in that said propulsion member is displacably mounted on said carriage in such a manner as to be displaced between a retracted and an operable position.

8. A combined set as claimed in claim 6 or 7, characterised in that said header unit, said carriage and said propulsion member are provided with control means provided for controlling the travel distance of said carriage.

9. A combined set as claimed in any one of the claims 1 to 8, characterised in that said platform comprises a frame having a first set of longitudinally extending beams and a second set of transversally extending beams connecting the longitudinally extending beams together.

5 10. A combined set as claimed in any one of the claims 1 to 9, characterised in that said platform comprises first connection means provided to co-operate with second connection means mounted on said carriage, said first and second connection means being provided for detachably connecting said carriage to a side of said frame provided to face a shop-floor by an up- and downward movement of said platform.

10 11. A combined set as claimed in claim 10, characterised in that it comprises an inflatable cushion mounted on said side-facing of said shop-floor.

15 12. A combined set as claimed in claim 11, characterised in that said first set comprises at least two beams each of said beams being provided with said cushion.

20 13. A combined set as claimed in any one of the claims 10 to 12, characterised in that said beams of said first set comprise a substantially rectangular shaped hollow chamber extending over a substantially whole length of the beam, said chamber extending between a first and a second substantially U-shaped anchorage element, wherein said first and second anchorage elements are provided for receiving a clamping unit which is provided for clamping said beams of said first and second set to each other.

25 14. A combined set as claimed in any one of the claims 1 to 13, characterised in that said carriage comprises at least one wheel unit, each wheel unit comprises a first and a second wheel sub-unit pivotally and longitudinally mounted on a first carrying arm, which is pivotally mounted on a carrying element.

10013784-122101